

REMARKS/ARGUMENT

This Preliminary Amendment is being submitted to change the multiple dependent claims to single dependent claims in order to reduce the government filing fee.

EXPRESS MAIL CERTIFICATE

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January 7, 2002

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Respectfully submitted,

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APPENDIX A
"CLEAN" VERSION OF EACH PARAGRAPH/SECTION/CLAIM
37 C.F.R. § 1.121(b)(ii) AND (c)(i)

CLAIMS (with indication of amended or new):

(Amended) 4. A laser arrangement according to claim 2, characterized in that a respective polarization-sensitive beam divider (10, 5) is provided in the path of the laser beam (6) on both sides of the polarization rotating means (8).

(Amended) 6. A laser arrangement according to claim 1, characterized in that the means for passive mode-locking is a saturable absorber (15).

(Amended) 8. A laser arrangement according to claim 6, characterized in that the saturable absorber (15) is an absorber mirror terminating the one resonator arm (11).

(Amended) 9. A laser arrangement according to claim 1, characterized in that in the one resonator arm (11) which is active in the pulse forming phase (21), a linear loss element, e.g. a 1/4 platelet (13), is arranged which provides for a high energy accumulation in the laser crystal (3).

(Amended) 10. A laser arrangement according to claim 2, characterized in that the pump unit (2) is a continuous wave diode pump unit forming, in combination with the polarization rotating means (8), a resonator part (20) common to both resonator arms (11, 12).

(Amended) 11. A laser arrangement according to claim 2, characterized in that the pump unit (2) is lamp-pumped or laser-pumped, forming, in combination with the polarization rotating means (8), a resonator part (20) common to both resonator arms (11, 12).

APPENDIX B
VERSION WITH MARKINGS TO SHOW CHANGES MADE
37 C.F.R. § 1.121(b)(iii) AND (c)(ii)

CLAIMS:

4. A laser arrangement according to claim 2 [or 3], characterized in that a respective polarization-sensitive beam divider (10, 5) is provided in the path of the laser beam (6) on both sides of the polarization rotating means (8).

6. A laser arrangement according to [any one of claims 1 to 5] claim 1, characterized in that the means for passive mode-locking is a saturable absorber (15).

8. A laser arrangement according to claim 6 [or 7], characterized in that the saturable absorber (15) is an absorber mirror terminating the one resonator arm (11).

9. A laser arrangement according to [any one of claims 1 to 8] claim 1, characterized in that in the one resonator arm (11) which is active in the pulse forming phase (21), a linear loss element, e.g. a 1/4 platelet (13), is arranged which provides for a high energy accumulation in the laser crystal (3).

10. A laser arrangement according to [any one of claims 2 to 9] claim 2, characterized in that the pump unit (2) is a continuous wave diode pump unit forming, in combination with the polarization rotating means (8), a resonator part (20) common to both resonator arms (11, 12).

11. A laser arrangement according to [any one of claims 2 to 10] claim 2, characterized in that the pump unit (2) is lamp-pumped or laser-pumped, forming, in combination with the polarization rotating means (8), a resonator part (20) common to both resonator arms (11, 12).